Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 31 Mar 2023 until 23:59 on Saturday 01 Apr 2023

Forecast Issued on Friday 31 Mar 2023 at 02:36

Confidence: The main forecasting challenge for Friday and the weekend will be the height of low cloud feeding in from the east and then the timing of clearance later Saturday and on Sunday. High confidence for a fine and dry day on Monday, but low for timing of rain arriving Tuesday.

Headline for Friday 31 Mar 2023: Low cloud, rain and drizzle.

Mountain weather hazards on Friday 31 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Drizzle	Drizzle	Drizzle	Drizzle
Precipitation probability					
40%	40%	40%	40%	40%	40%

Forecast for Friday 31 Mar 2023

Weather: A mostly cloudy and misty day with low cloud and patchy rain or drizzle, perhaps heavy at first. Generally slightly drier across western hills than eastern hills.

Chance of cloud-free hill tops above 600m: 10%.

Low Cloud and visibility: Very poor visibility, especially in the east, with extensive cloud and fog above 200m and with generally hazy conditions below cloud. Cloud lifting towards 400-500m in the west during the afternoon, but higher summits likely to remain shrouded.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 31 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 E	18/25 NE	17/25 NE	16/23 NE	14/20 NE	14/20 NE	13/19 NE
300	10/22 E	12/24 NE	13/25 NE	12/22 NE	9/18 NE	9/18 NE	9/17 NE
Valley	9/22 E	11/23 NE	12/23 NE	11/22 NE	8/18 NE	8/18 NE	9/18 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	6/1	6/1	6/2	5/1	4/-1	2/-2
300	7/4	8/5	8/5	8/6	7/4	6/2	5/2
Valley	9/6	10/8	11/9	11/9	9/7	7/5	6/4
Freezing Level*	1500m	1500m	1500m	1500m	1500m	1400m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud will mean good navigational skills required on the tops. Winds may be 5-10mph higher over exposed summits and ridges at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 31 Mar 2023	10mm	16.6mm	25.6mm

Forecast for Saturday 01 Apr 2023

Weather: Low cloud and patchy drizzle, mainly in the east, overnight and to start the day. Dry by the afternoon with bright spells developing and cloud lifting for a while but low cloud and patchy rain arriving again in the evening.

Maximum wind: North-easterly 10-15mph.

Chance of cloud-free hill tops above 600m: 40%.

Low Cloud and visibility: Extensive cloud and fog above 300m at first but visibility improving around the middle of the day as cloud lifts towards 600m, especially in the west. Becoming poor again late afternoon or early evening with low cloud arriving again from the east.

Temperature: **Valleys:** Plus 6C rising to 9C.
At 600m: Plus 2C rising to 6C.
Freezing level: Above summits.

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